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Application Number

Filing Date

First Named Inventor

SHIELDS, Alan

Art Unit

Examiner Name

Attorney Docket Number

1732-2-2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 780,613	01-24-1905	H.E. Meyers	
		US- 1,239,275	09-04-1917	E. Keen	
		US- 1,895,820	01-31-1933	C.E. Reeves	
		US- 2,360,128	10-10-1944	G.M. Hausler	
		US- 2,901,568	08-25-1959	J.B. Goff	
		US- 3,117,197	01-07-1964	A.C. Etal	
		US- 3,234,342	02-08-1966	G.W. Murray	
		US- 3,413,430	11-26-1968	R.C. Sharples	
		US- 3,491,231	01-20-1970	K.A. Larkin	
		US- 3,697,802	10-10-1972	N.P. Demas	
		US- 3,968,395	07-06-1976	A. Obermaier	
		US- 5,345,143	09-06-1994	C.T. Little	
		US- 5,932,973	08-03-1999	M. Cecchetti	
		US- 4,654,560	03-31-1987	P.T. Cote	
		US- 4,447,765	05-08-1984	P.T. Cote	
		US- 4,665,341	05-12-1987	Imamura et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		GB 2,121,247 A	12-14-1983	Gen Electric		
		FR 2,616,589 A	12-16-1988	Cibie Projecteurs		
		CH 650,888 A	08-15-1985	R. Muehling		
		JP 05,258,729	10-08-1993	Hitachi LTD.		

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